

February 16, 1996

150 Mineral Spring Drive
Dover, New Jersey 07801
201 361-3600 FAX 361-3800

Harold Carscadden
Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, NJ 07105

**SUBJ: Former Hexcel Facility
205 South Main Street
Lodi, Bergen County, New Jersey
PVSC Application
ISRA Case No. 86003
GEO Project No. 94039 T1**

Dear Mr. Carscadden:

This is to confirm several phone calls made recently with the Passaic Valley Sewerage Commissioners (PVSC). Enclosed are the testing results of the approximately 3,000 gallons of treated ground water which we will discharge for equipment calibration. We tested the water for volatile organics, polychlorinated biphenyl's (PCBs), biological oxygen demand (BOD), total suspended solids (TSS), nickel (Ni), and chromium (Cr).

During the week of February 19, 1996, we will collect influent samples that will be analyzed for volatile organics, PCBs, and total petroleum hydrocarbons. Please note that this testing will be representative of ground water seeping into the basement. Ultimately, we will be treating ground water pumped from recovery wells at various locations on-site along with basement seepage water. The PVSC will be notified when this transition occurs.

Finally, this will confirm that we called Mr. Anthony Gammara in response to Frank D'Ascensio's February 13, 1996 letter to Marjorie Piette of our office. At that time, Mr. Gammara advised us that the discharge rate to the sewer may exceed the 10 gpm requirement as long as the sewer line is not surcharged.

Please call if you have any questions concerning this matter.

Sincerely,

GEO ENGINEERING, INC.

Robert M. Shusko Jr.

Robert M. Shusko Jr.
Project Engineer

John A. Rhodes
John A. Rhodes, P.E.
Vice President

RMS/JAR/III
Enclosures

cc: Lisa Bromberg, Esq.
A. William Nosil
James Higdon
Joseph Nowak

SDMS Document



88271

ENVIROTECH RESEARCH, INC.

Client ID: H-1
Site: Hexcel

Lab Sample ID: 39629
Lab Job No: L717

Date Sampled: 02/02/96
Date Received: 02/02/96
Date Extracted: 02/06/96
Date Analyzed: 02/06/96
GC Column: DB-608
Instrument ID: PESTGC3.i

Matrix: WATER
Sample Volume: 1000 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: zr009042.d

ORGANOCHLORINE PCBs - GC/ECD METHOD 608

<u>Parameter</u>	Analytical Results <u>Units: ug/l</u>	Method Detection
		Limit <u>Units: ug/l</u>
Aroclor-1016	ND	0.17
Aroclor-1221	ND	0.35
Aroclor-1232	ND	0.13
Aroclor-1242	ND	0.38
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.35
Aroclor-1260	ND	0.11

ENVIROTECH RESEARCH, INC.

Client ID: H-1
Site: Hexcel

Lab Sample No: 38173
Lab Job No: L525

Date Sampled: 01-19-96
Date Received: 01-19-96
Date Analyzed: 01-23-96
GC Column: DB624
Instrument ID: VOAMS4
Lab File ID: d4718.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS
METHOD 624

<u>Parameter</u>	<u>Analytical Result</u> <u>Units: ug/l</u>	Method Detection
		<u>Limit</u> <u>Units: ug/l</u>
Chloromethane	ND	1.9
Bromomethane	ND	0.5
Vinyl Chloride	ND	0.8
Chloroethane	ND	2.1
Methylene Chloride	70	2.1
Trichlorofluoromethane	ND	0.5
1,1-Dichloroethene	ND	1.1
1,1-Dichloroethane	ND	0.6
trans-1,2-Dichloroethene	ND	0.6
cis-1,2-Dichloroethene	ND	2.0
Chloroform	ND	0.4
1,2-Dichloroethane	ND	0.4
1,1,1-Trichloroethane	ND	0.4
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.4
1,2-Dichloropropane	ND	0.9
cis-1,3-Dichloropropene	ND	0.7
Trichloroethene	3.0	0.8
Dibromochloromethane	ND	0.5
1,1,2-Trichloroethane	ND	0.9
Benzene	ND	0.5
trans-1,3-Dichloropropene	ND	0.6
2-Chloroethyl Vinyl Ether	ND	0.9
Bromoform	ND	0.6
Tetrachloroethene	3.1	0.2
1,1,2,2-Tetrachloroethane	ND	0.7
Toluene	0.4	0.4
Chlorobenzene	2.7	0.3
Ethylbenzene	ND	0.5
Xylene (Total)	ND	2.0

ENVIROTECH RESEARCH, INC.

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Purge Volume: 5.0 ml
Dilution Factor: 2.0

VOLATILE ORGANICS - GC/MS TENTATIVELY IDENTIFIED COMPOUNDS

COMPOUND NAME	RT	EST. CONC. ug/l	Q
=====	=====	=====	=====
1. Acetone	6.64	120	
2. Dimethyl sulfide	6.81	10	
3. Isopropyl Alcohol	7.00	19	
4. 2-Butanone	10.63	150	
5. Furan, tetrahydro-	11.36	12	
6. Benzene, 1,2-dichloro-	23.49	7.0	
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30.			

TOTAL ESTIMATED CONCENTRATION

318

ENVIROTECH RESEARCH, INC.

Client ID: H-1
Site: Hexcel

Lab Sample No: 38173
Lab Job No: L525

Date Sampled: 01/19/96
Date Received: 01/19/96

Matrix: WATER
Level: LOW

METALS ANALYSIS

<u>Analyte</u>	Analytical Result <u>Units: ug/l</u>	Instrument Detection <u>Limit</u>	<u>M</u>
Chromium	6.8	1.0	P
Nickel	187	0.90	P

M Column - Method Code (See Section 2 of Report)

ENVIROTECH RESEARCH, INC.

Site: Hexcel

Lab Job No: L525

Date Sampled: 1/19/96

Date Received: 1/19/96

Matrix: WATER

BOD

Envirotech

Sample #

Client ID

Analytical Result

Units: mg/l

38173

H-1

200

ENVIROTECH RESEARCH, INC.

Site: Hexcel

Lab Job No: L525

Date Sampled: 1/19/96

Date Received: 1/19/96

Matrix: WATER

Date Analyzed: 1/22/96

QA Batch: 1115

TOTAL SUSPENDED SOLIDS

Envirotech <u>Sample #</u>	<u>Client ID</u>	Dilution <u>Factor</u>	Analytical Result <u>Units: mg/l</u>
38173	H-1	1.0	ND

Quantitation Limit for Total Suspended Solids is 10.0 mg/l for an undiluted sample.